88) Previous editions are obsol



#### State of New Jersey Department of Environmental Protection Hazardous Waste Regulation Program Manifest Section CN 421, Trenton, NJ 08625-0421

10356-1-

Form Approved. OMB No. 2050-0039. Please type or print in block letters. (Form designed for use on elite (12-pitch) typewriter.) 2. Page 1 UNIFORM HAZARDOUS Information in the shaded areas is not required by Federal law. WASTE MANIFEST of () 5 D D D C A D B B B B st Document Number Generator's Name and Mailing Address USEPA Region II & Mendowlands Plating 2090 Poodbridge Avenue Attn: Paul Kahi Edison, NJ 6661 Generator's Phone ( US EPA ID Number State Trans. ID-NJQEP Transporter 1 Company Name 10 10 17 11 16 12 19 S J Transportation US EPA ID Number Transporter 2 Company Name Transporter's Phone ( 609 E. State Trans. ID-NJDEP 9: Designated Facility Name and Site Address US EPA ID Number Transporter's Phone ( E.I. DuPont DeMemours & Co., Enc. G. State Facility's ID Chambers Warte Water Treatment H. Facility's Phone (600 Deenwater. NJ 08023 14. Unit 11. US DOT Description (Including Proper Shipping Name, Hazard Class or Division, ID Number and Packing Group) Total Waste No. Wt/Vo Quantity RQ WASTE Corresive liquid, acidic inorganic, b. C. d. K. Handling Codes for Wastes Listed Above Additional Descriptions for Materials Listed Above 15. Special Handling Instructions and Additional Information a. WIS ECLESI, Approval # OW 06 b.ERG#154, For Emergency Response: GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and tuture threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation the best waste management method that is available to me and that I gan afford. porter 1 Acknowledgement of Receipt of Materials Transporter 2 Acknowledgement of Receipt of Materials Month Day Printed/Typed Name Signature 19. Discrepancy Indication Space 449009 20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19. Month Day Printed/Typed Name Signature

SIGNATURE AND INFORMATION MUST BE LEGIBLE ON ALL COPIES

EPA Form 8700-22 (Rev. 9/88) Previous editions are obsolete.

8—GENERATOR COPY



# State of New Jersey Department of Environmental Protection Hazardous Waste Regulation Program Manifest Section CN 421, Trenton, NJ 08625-0421

Plea	se ty	type or print in block letters. (Form designed for				rm Approv		050-0039. Expires 9-30-9
		WASTE MANIFEST	1. Generator's US EPA ID	0   5   7   3   0   G	anifest ument No.	2. Page 1	is not	ion in the shaded areas required by Federal law.
		Action Brown Record	of the notion a	Cleadeulande Pl	ordan		Manifest Docume NJA 2	880028
		Laleure, he drotf offst				B. State		Gen. Site Address)
	4.	Generator's Phone ( วัน )ไว้โดยนั้น Transporter 1 Company Name	6.	US EPA ID Number		C. State	Trans. ID-NJDEP	103210V
	É	i i Verrannerarion do	la Li	12 10 17 11 16 12 19	اله اله		Decal No	
	7.	Transporter 2 Company Name	8.	US EPA ID Number			porter's Phone (	
	9.	Designated Facility Name and Site Address	10.	US EPA ID Number	<u> </u>	E. Glate	Decal No	<del></del>
	: 2	I.I. Dufone believeste & Co.	Inc.			F. Trans	sporter's Phone (	)
		Charbord Posita Senso Vacer	Treatgeat				Facility's ID	
		Dougentor, El 06023			12. Cont		ty's Phone (	14.
		US DOT Description (Including Proper Shipping N HM ID Number and Packing Gro		<u> </u>	No.	Туре	Total Quantity	Unit Wt/Vol Waste No.
	a.	h waste Corrected in	loid, acide,	andranic.				
1		ESS TRACE NOTE	C ACICY	<u> (86681 F665</u>	alols	E 190 6	<u>albeil</u> c	Ganos
G E	b.							
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R A	C.	·			· .			
T O	:			•	1.			
R	d.	<del>  </del>			1 1 -			
			•					
	J.	Additional Descriptions for Materials Listed Above			بللل	K. Han	dling Codes for V	Vastes Listed Above
		(2.5) WALL BOLD				,		
	a.	CONTRACTOR DO		and the state of t		a.	<u> </u>	0,-
	b:	•	d.		•	b.	1 1	d.
		Special Handling Instructions and Additional Inform						040
	:	i. uter 601651. Approvid (N	16256	<b>, 1</b> , 1)	ioaud)	00	<b>1</b> .	
	Ò	b. Shot134 . Vas Lietgusey Wa	4	E49 - 9450	ş			•
	16.	GENERATOR'S CERTIFICATION: I hereby decla classified, packed, marked, and labeled, and are in	re that the contents of t	his consignment are fully	and accurat	ely describ	bed above by propolicable internation	oper shipping name and are
		regulations.		and the second second				
		If I am a large quantity generator, I certify that to be economically practicable and that I have so	elected the practicable me	ethod of treatment, storage	. or disposa	l currently	available to me	which minimizes the present
		and future threat to human health and the env and select the best waste management method th	nat is available to me and	that I can afford.	nave made	. ,		J 5
		Printed Typed Name	و وگال کو	Signature	and the same	e e e G	in word	Month Day Year
Ţ	17.	Transporter 1 Acknowledgement of Receipt of Ma	aterials		- A	A STATE OF THE STA	1	
R A N		Printed Typed Name	$V_{c}$	Signature /	1/100	11		Month Day Year
S	-10.7	MICHAEL WD,11	73	JUNION COL	VW	UW	W)	10/4/01/61/91
O R T		Transporter 2 Acknowledgement of Receipt of Ma Printed/Typed Name	ateriais	Signature	· · ·		<u></u>	Month Day Year
E R	_				• •			
F	19.	Discrepancy Indication Space						
A C I	***							
L	20.	Facility Owner or Operator: Certification of receip	t of hazardous materials of	covered by this manifest ex	cept as note	d in Item 1	9.	
Y		Printed/Typed Name		Signature				Month Day Year

### Notification and Certification Form

0	P	ON	D

### DuPont Environmental Treatment

			A	
OW/DW No.	ON O	635	0	5. F.
Release No			STATE OF	_
			A 18 84 11	1.11
	(nience fill	(a)	7.15 P. T.	14 T

## **Chambers Works Wastewater Treatment Facility Land Disposal Restrictions**

1. Generator's EPA ID N Generator USEPA R Generator's Address	lo. NJD 002 4 egion II @Me 890 Patter East Ruthe	adowlands son Plank	<u>Plating</u> Site <u>Road</u> Manifest Pa	Waste Manifest No age No./Line Lette ed aqueous waste	, Ha	1 <u>88:0028  991</u> T
Note:	The DuPont Cham under the Clean W	ibers Works War ater Act.	stewater Treatment Plant	(WWTP) is regul	ated	
2. Is waste analysis infon	mation attached?	Yes	Not available	On File		
3. In Table A, check (if a checked, identify whe options found on page	ther the waste is a v	ecteristic U.S. E vastewater or no	PA hazardous waste code on wastewater, and indica	es that apply to this te how the waste n	s waste. For enust be manag	each waste code ged based on the

#### TABLE A

		<del></del>	·	· · · · · · · · · · · · · · · · · · ·	
Check Waste Code	U.S. EPA Hazardous Waste Code	Subcategory	Waste- water*	Non- waste- water	How must the waste be managed?
			(Check	only one)	(Enter the letter from page 2)
	D001	Low TOC (<10% TOC)			
<u> </u>	D001	High TOC (≥ 10% TOC)	NA		
	D001	Oxidizer			
_x_	D002	Acid (pH ≤ 2)		<u> </u>	_A_
	D002	Alkaline (pH ≥ 12.5)			
	D002	Other corrosives			
	D003	Reactive sulfides			<u> </u>
	D003	Reactive cyanides			
	D003	Water reactive		—	<u> </u>
	D003	Explosives (pretreated)			
	D003	Other reactives			
<u></u>	D004	Arsenic			
	D005	Barium			
	D006	Cadmium		<u></u>	7:
<u>X</u>	D007	Chromium	·	<b>♦</b> -	<u>A</u>
_X_	D008	Lead	—	<b>A</b>	<b>A</b>
	D009	Mercury		NA	<del></del>
	D009	Low Mercury <260 mg/kg Hg	NA		
	D010	Selenium			
	D011	Silver			

<sup>\*</sup>Wastewaters contain <1% TOC and <1% TSS.

#### Chambers Works Wastewater Treatment Facility Land Disposal Restrictions (cont.)

Authorized Signature

4. In Table B, identify all additional characteristic, listed, newly identified, and newly listed U.S. EPA hazardous waste codes that apply to this waste. For each waste code, identify the subcategory, indicate whether the waste is a wastewater or nonwastewater, and indicate how the waste must be managed, based on the options below.

ile rot		TABLE B		-	Non-	HOW MUST	
U.S. EPA HAZARDOUS WASTE CODE(S) Per 40 CFR 261		SUBCATEGORY		Waste- water	waste- water	THE WASTE BE MANAGED?	
					neck r опе)	Enter the letter from options below*	,
****		Description	None		<del></del>	opuoris delow	
					ļ		
						·	
	· · · · · · · · · · · · · · · · · · ·					-	
					**		
		ment I if more room is needed to list a				<u> </u>	
Wastes.  If this waste is DO  Attachment IV II	001 ignitable (other the	(F039), you may include Attachm han the high TOC ≥ 10% subcate trandards. You may also include	gory), D002, D0 Attachment IV i	103° or D	012-D043	. vou may include	:
		at rendered nonhazardous by pret ANAGED? (Choose from the		ions to c	complete	Tables A and B	.)
. Restricted wast	e requires treatment	[40 CFR 268.7(a)(2)].					
. Restricted wast	e meets applicable to	eatment standards at the original	point of generati	on.			
I certify through the wast	under penalty of law analysis and testing of complies with the tr	ATION [40 CFR 268.7(a)(3)(i)] that I personally have examined or through knowledge of the wast reatment standards specified in 40 true, accurate, and complete. I are certification, including the poss	e to support this CFR Part 268 S m aware that the	ceruncat Subpart D ere are sis	ion uiat ). I believ mificant	e that	
Waste is newly	listed or newly identi	ified.					. 1. 1.
Restricted wast waste is subject	e is exempt from the to prohibitions [40 C	Land Disposal Restrictions. Che CFR 268.7(a)(4)].	ck the reason be	low and v	write in th	e date the	
☐ The was	te has been given a C	Site-Specific Variance ase-by-Case Extension onal Capacity Variance					
. Restricted wast	e has been pretreated	on-site to remove the hazardous	characteristic DO	001-D003	and/or D	012-D043 and	
requires treatme	ent of underlying haz	ardous constituents.	•			•	
I certify 40 CFR: hazardou aware the of fine as	under penalty of law 268.40 to remove the is constituents that re at there are significant id imprisonment.	E - UNDERLYING HAZARDOU that the waste has been treated in hazardous characteristic. This di quire further treatment to meet un it penalties for submitting a false	accordance with echaracterized we niversal treatment certification, inc	aste cont it standar luding th	ains under ds. I am e possibil	or rlying ity	<b></b>
underlying haza	rdous constituents to	on-site to remove the hazardous levels in 40 CFR 268.48 Univers	sai Treaunent Sc	indards.		•	ucat
CHARA I certify to remove	CTERISTIC WASTE under penalty of law the hazardous chara assite to meet the 6.2	E-UNDERLYING HAZARDOU that the waste has been treated in acteristic, and that underlying haz 68.48 Universal Treatment Stand 1, including the possibility of fine	JS CONSTITUE accordance with ardous constitue lards. I am awar	NTS [40 the requests, as do that the	irements fined in §	268.2, have been	4

knowledge, the information provided in this document is true, accurate, and complete.

GUIDE 154 - SUBSTANCES - TOXIC AND/OR CORROSIVE
(NON-COMBUSTIBLE) RQ, Waste Corrosive Liquid, acidic, inorganic, n.o.s. (Boric POTENTIAL HAZARDS acid, Nickel Chloride) 8, UN3264, III (D002)
HEALTH

- \* TOXIC; inhalation, ingestion, or skin contact with material may cause severe injury or death.
- \* Contact with molten substance may cause severe burns to skin and eyes.
- \* Avoid any skin contact.
- \* Effects of contact or inhalation may be delayed.
- Fire may produce irritating, corrosive and/or toxic gases.
- \* Runoff from fire control or dilution water may be corrosive and/or toxic and cause pollution.

#### FIRE OR EXPLOSION

- \* Non-combustible, substance itself does not burn but may decompose upon heating to produce corrosive and/or toxic fumes.
- \* Some are oxidizers and may ignite combustibles (wood, paper, oil, clothing, etc.).
- \* Contact with metals may evolve flammable hydrogen gas.
- \* Containers may explode when heated.

#### **PUBLIC SAFETY**

- CALL Emergency Response Telephone Number on Shipping Paper first. If Shipping Paper not available or no answer, refer to appropriate telephone number listed on the inside back cover.
- \* Isolate spill or leak area immediately for at least 25 to 50 meters (80 to 160 feet) in all directions.
- \* Keep unauthorized personnel away.
- \* Stay upwind.
- \* Keep out of low areas.
- Ventilate enclosed areas.

#### PROTECTIVE CLOTHING

- \* Wear positive pressure self-contained breathing apparatus (SCBA).
- Wear chemical protective clothing which is specifically recommended by the manufacturer.
- \* Structural firefighters' protective clothing is recommended for fire situations ONLY; it is not effective in spill situations.

#### **EVACUATION**

#### Spill

\* See the Table of Initial Isolation and Protective Action Distances for highlighted substances. For non-highlighted substances, increase, in the downwind direction, as necessary, the isolation distance shown under "PUBLIC SAFETY".

#### Fire

\* If tank, rail car or tank truck is involved in a fire, ISOLATE for 800 meters (1/2 mile) in all directions; also, consider initial evacuation for 800 meters (1/2 mile) in all directions.

#### **EMERGENCY RESPONSE**

#### **FIRE**

#### **Small Fires**

\* Dry chemical, CO2 or water spray.

#### Large Fires

- \* Dry chemical, CO2, alcohol-resistant foam or water spray.
- \* Move containers from fire area if you can do it without risk.
- \* Dike fire control water for later disposal; do not scatter the material.

#### Fire involving Tanks or Car/Trailer Loads

- Fight fire from maximum distance or use unmanned hose holders or monitor nozzles.
- \* Do not get water inside containers.
- \* Cool containers with flooding quantities of water until well after fire is out.

- Withdraw immediately in case of rising sound from venting safety devices or discoloration of tank.
- \* ALWAYS stay away from the ends of tanks.

#### SPILL OR LEAK

- \* ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area).
- \* Do not touch damaged containers or spilled material unless wearing appropriate protective clothing.
- \* Stop leak if you can do it without risk.
- Prevent entry into waterways, sewers, basements or confined areas.
- \* Absorb or cover with dry earth, sand or other non-combustible material and transfer to containers.
- \* DO NOT GET WATER INSIDE CONTAINERS.

#### FIRST AID

- \* Move victim to fresh air.
- Call emergency medical care.
- \* Apply artificial respiration if victim is not breathing.
- \* Do not use mouth-to-mouth method if victim ingested or inhaled the substance; induce artificial respiration with the aid of a pocket mask equipped with a one-way valve or other proper respiratory medical device.
- \* Administer oxygen if breathing is difficult.
- \* Remove and isolate contaminated clothing and shoes.
- \* In case of contact with substance, immediately flush skin or eyes with running water for at least 20 minutes.
- \* For minor skin contact, avoid spreading material on unaffected skin.
- \* Keep victim warm and quiet.
- \* Effects of exposure (inhalation, ingestion or skin contact) to substance may be delayed.
- \* Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves.



## State of New Jersey Department of Environmental Protection Hazardous Waste Regulation Program Manifest Section CN 421, Trenton, NJ 08625-0421

6357/1 (2)

Form Approved, OMB No. 2050-0039. Expires 9-30-9 ease type or print in block letters. (Form designed for use on elite (12-pitch) typewriter.) 1. Generator's US EPA'ID No. 2. Page 1. UNIFORM HAZARDOUS information in the shaded areas P P P P P R A D IS 17 13 16 19 9 10 10 15 WASTE MANIFEST is not required by Federal law. Generator's Name and Mailing Address USEPA Region II & Neudowlands Plating A. State Manifest Document Number Accos Paul Kahn 2390 Woodbridge Avenue Edition, RJ 08817 Generator's Phone ( 732 321-6617 Transporter 1 Company Name - US EPA ID Number C. State Trans. ID-NUDER. S J Transportation Co M J D D 7 1 16 2 19 19 17 16 7: Transporter 2 Company Name US EPA ID Number D. Transporter's Phone ((509)) E. State Trans. ID-NJDEP 9. Designated Facility Name and Site Address. US EPA ID Number Decal No.-E.I. JuPont Dehamours & Co., Inc. F. Transporter's Phone ( Chambers Works Woste Water Treatment G. State Facility's ID Deepwater, 2J 08023 N J 10 10 10 12 3 18 15 17 13 10 H. Facility's Phone (609 ) 540-2773 11. US DOT Description (Including Proper Shipping Name, Hazard Class or Divison, ID Number and Packing Group) 13. Total Waste No. MQ WAST's Corresive liquid, ecidic, inosgande, u.o.s. (Boric Actd, Nickal Chloride) 8, UN3264 9 10 11 1 12 0 3 9 0 0 111. (D002) Additional Descriptions for Materials Listed Above (L.C) Boric Acid 15. Special Handling Instructions and Additional Information w.WTS#BC1981, Approve 1# OW-06357 b. ERG#154, For Emergency Response: 16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, prorage, or disposal currently available to me which minimizes the present and future threat to human health and the environment, OR, if I am a small quantity generator, I have made a good faith effort to minimize by waste generation and select the best waste management method that is available to me and that I can alterd Day Transporter 2 Acknowledgement of Receipt of Materials Printed/Typed Name Signature 19. Discrepancy Indication Space 20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except/as noted in Item 19.

EPA Form 8700-22 (Rev. 9/88) Previous editions are obsolete.

SIGNATURE AND INFORMATION MUST BE LEGIBLE ON ALL COPIES

#### Notification and Certification Form

#### DuPont Environmental Treatment

OW/DW No.	\$6357	
Release No	001	
·	(please fill in)	

## **Chambers Works Wastewater Treatment Facility Land Disposal Restrictions**

1.	Generator's EPA ID No. NJD 002 405 736  Generator USEPA Region II @Meadowlands Plating Site  Generator's Address 890 Patterson Plank Road Manifest Page No./Line Letter  A Manifest Page No./Line Letter	
	East Rutherford, NJ 0707 (for drummed aqueous waste only)	
	The state of the s	
	Note: The DuPont Chambers Works Wastewater Treatment Plant (WWTP) is regulated under the Clean Water Act.	
2.	Is waste analysis information attached?  Yes  Not available  On File	

3. In Table A, check (if applicable) the characteristic U.S. EPA hazardous waste codes that apply to this waste. For each waste code checked, identify whether the waste is a wastewater or nonwastewater, and indicate how the waste must be managed based on the options found on page 2.

#### TABLE A

Check Waste Code	U.S. EPA Hazardous Waste Code	Subcategory	Waste- water		managed?
	·		(Crieck	only one)	(Enter the letter from page 2)
-	D001	Low TOC (<10% TOC)			
	D001	High TOC (≥ 10% TOC)	NA		
	D001	Oxidizer			
_x_	D002	Acid (pH ≤ 2)		_X	_&_
	D002	Alkaline (pH ≥ 12.5)			
	D002	Other corrosives	<u> </u>		
	D003	Reactive sulfides			
	D003	Reactive cyanides			
	D003	Water reactive			
	D003	Explosives (pretreated)			
j	D003	Other reactives			
<u></u>	D004	Arsenic			
	D005	Barium			<u> </u>
	D006	Cadmium			:
	D007	Chromium			
	D008	Lead			
	D009	Mercury		NA	—
	D009	Low Mercury <260 mg/kg Hg	NA		
	D010	Selenium			
	D011	Silver			

<sup>\*</sup>Wastewaters contain <1% TOC and <1% TSS.

Rev. 2

## Chambers Works Wastewater Treatment Facility Land Disposal Restrictions (cont.)

requires treatment of underlying hazardous constituents.

4. In Table B, identify all additional characteristic, listed, newly identified, and newly listed U.S. EPA hazardous waste codes that apply to this waste. For each waste code, identify the subcategory, indicate whether the waste is a wastewater or nonwastewater, and indicate how the waste must be managed, based on the options below.

l w	U.S. EPA HAZÁRDOUS ASTE CODE(S) er 40 CFR 261	SUBCATEGORY		Waste- water	Non- waste- water	HOW MUST THE WASTE BE MANAGED?	
1					one)	Enter the letter from	
ļ		Description	None			options below*	
							•
⊢			<del> </del>			· · · · · · · · · · · · · · · · · · ·	
<u> </u>			<del> </del>			<del>- ;</del>	
L					••	<u> </u>	
		(Use Attachment I if more room is needed to list all	applicable waste	codes)			
٠,	76'aliaa. ia a	spent solvent (F001-F005), you MUST include Attachmo	ent II. Treatme	nt Standa	rds for FO	01-F005 Spent S	alvents
6.	If this waste is a Wastes.	multisource leachate (F039), you may include Attachmer	it III, Treatme	nt Standa	ras for FU.	39 Multisource L	eachate
	Attachment IV I	001 ignitable (other than the high TOC ≥ 10% subcatego Iniversal Treatment Standards. You may also include Al codes) as generated but rendered nonhazardous by pretrea	tachment I v	003, or Do	012-D043 zardous w	, you may include aste which was h	e azardou:
*H(	OW MUST TE	E WASTE BE MANAGED? (Choose from the f	ollowing opt	ions to c	omplete	Tables A and B	.)
A.	Restricted wast	te requires treatment [40 CFR 268.7(a)(2)].					
В.	Restricted wast	te meets applicable treatment standards at the original po	int of generati	on.			
-	GENER I certify through the was	ATOR'S CERTIFICATION [40 CFR 268.7(a)(3)(i)] under penalty of law that I personally have examined an analysis and testing or through knowledge of the waste to e complies with the treatment standards specified in 40 C mation I submitted is true, accurate, and complete. I am s for submitting a false certification, including the possib	d am familiar o support this CFR Part 268 S aware that the	with the v certificati Subpart D ere are sig	on that I believenificant	e:that	
C.	Waste is newly	listed or newly identified.					
D.	Restricted wast	te is exempt from the Land Disposal Restrictions. Check to prohibitions [40 CFR 268.7(a)(4)].	the reason be	low and v	vrite in the	e date the	
	The was	te has been granted a Site-Specific Variance.  te has been given a Case-by-Case Extension.  te is subject to a National Capacity Variance.					
E.	Restricted wast	e has been pretreated on-site to remove the hazardous ch	aracteristic D	001-D003	and/or D	012-D043 and	

hazardous constituents that require further treatment to meet universal treatment standards. I am aware that there are significant penalties for submitting a false certification, including the possibility of fine and imprisonment.

F. Restricted waste has been pretreated on-site to remove the hazardous characteristic D001-D003 and/or D012-D043 and to treat underlying hazardous constituents to levels in 40 CFR 268.48 Universal Treatment Standards.

I certify under penalty of law that the waste has been treated in accordance with the requirements of 40 CFR 268.40 to remove the hazardous characteristic. This decharacterized waste contains underlying

CHARACTERISTIC WASTE - UNDERLYING HAZARDOUS CONSTITUENTS [40 CFR 268.7(b)(5)(iv)]

CHARACTERISTIC WASTE - UNDERLYING HAZARDOUS CONSTITUENTS [40 CFR 268.7(b)(5)(v)] I certify under penalty of law that the waste has been treated in accordance with the requirements of 40 CFR 268.40 to remove the hazardous characteristic, and that underlying hazardous constituents, as defined in § 268.2, have been treated on-site to meet the § 268.48 Universal Treatment Standards. I am aware that there are significant penalties for submitting a false certification, including the possibility of fine and imprisonment.

CERTIFICATION	-0	
I cartify that, so the best of my knowledge, the in	formation provided in this documen	t is true, accurate, and complete.
Authorized Signature	Title	Date

GUIDE 154 - SUBSTANCES - TOXIC AND/OR CORROSIVE
(NON-COMBUSTIBLE) RQ, Waste Corrosive Liquid, acidic, inorganic, n.o.s. (Boric POTENTIAL HAZARDS acid, Nickel Chloride) 8, UN3264, III (D002)
HEALTH

- \* TOXIC; inhalation, ingestion, or skin contact with material may cause severe injury or death.
- \* Contact with molten substance may cause severe burns to skin and eyes.
- \* Avoid any skin contact.
- \* Effects of contact or inhalation may be delayed.
- \* Fire may produce irritating, corrosive and/or toxic gases.
- \* Runoff from fire control or dilution water may be corrosive and/or toxic and cause pollution.

#### FIRE OR EXPLOSION

- Non-combustible, substance itself does not burn but may decompose upon heating to produce corrosive and/or toxic fumes.
- \* Some are oxidizers and may ignite combustibles (wood, paper, oil, clothing, etc.).
- \* Contact with metals may evolve flammable hydrogen gas.
- \* Containers may explode when heated.

#### **PUBLIC SAFETY**

- CALL Emergency Response Telephone Number on Shipping Paper first. If Shipping Paper not available or no answer, refer to appropriate telephone number listed on the inside back cover.
- \* Isolate spill or leak area immediately for at least 25 to 50 meters (80 to 160 feet) in all directions.
- \* Keep unauthorized personnel away.
- \* Stay upwind.
- \* Keep out of low areas.
- \* Ventilate enclosed areas.

#### PROTECTIVE CLOTHING

- \* Wear positive pressure self-contained breathing apparatus (SCBA).
- \* Wear chemical protective clothing which is specifically recommended by the manufacturer.
- \* Structural firefighters' protective clothing is recommended for fire situations ONLY; it is not effective in spill situations.

#### **EVACUATION**

#### **Spill**

\* See the Table of Initial Isolation and Protective Action Distances for highlighted substances. For non-highlighted substances, increase, in the downwind direction, as necessary, the isolation distance shown under "PUBLIC SAFETY".

#### Fire

\* If tank, rail car or tank truck is involved in a fire, ISOLATE for 800 meters (1/2 mile) in all directions; also, consider initial evacuation for 800 meters (1/2 mile) in all directions.

#### **EMERGENCY RESPONSE**

#### FIRE

#### **Small Fires**

\* Dry chemical, CO2 or water spray.

#### Large Fires

- \* Dry chemical, CO2, alcohol-resistant foam or water spray.
- \* Move containers from fire area if you can do it without risk.
- \* Dike fire control water for later disposal; do not scatter the material.

#### Fire involving Tanks or Car/Trailer Loads

- \* Fight fire from maximum distance or use unmanned hose holders or monitor nozzles.
- \* Do not get water inside containers.
- Cool containers with flooding quantities of water until well after fire is out.

- \* Withdraw immediately in case of rising sound from venting safety devices or discoloration of tank.
- \* ALWAYS stay away from the ends of tanks.

#### SPILL OR LEAK

- \* ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area).
- \* Do not touch damaged containers or spilled material unless wearing appropriate protective clothing.
- \* Stop leak if you can do it without risk.
- \* Prevent entry into waterways, sewers, basements or confined areas.
- \* Absorb or cover with dry earth, sand or other non-combustible material and transfer to containers.
- \* DO NOT GET WATER INSIDE CONTAINERS.

#### FIRST AID

- \* Move victim to fresh air.
- \* Call emergency medical care.
- \* Apply artificial respiration if victim is not breathing.
- \* Do not use mouth-to-mouth method if victim ingested or inhaled the substance; induce artificial respiration with the aid of a pocket mask equipped with a one-way valve or other proper respiratory medical device.
- \* Administer oxygen if breathing is difficult.
- \* Remove and isolate contaminated clothing and shoes.
- \* In case of contact with substance, immediately flush skin or eyes with running water for at least 20 minutes.
- \* For minor skin contact, avoid spreading material on unaffected skin.
- \* Keep victim warm and quiet.
- \* Effects of exposure (inhalation, ingestion or skin contact) to substance may be delayed.
- \* Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves.



# State of New Jersey Department of Environmental Protection Hazardous Waste Regulation Program Manifest Section CN 421, Trenton, NJ 08625-0421

PIE	ease type or print in block letters. (Form designed for use on elite (12-pitch) typewriter.)	orm Approved. OMB No. 2050-0039. Expires 9-30-97
	UNIFORM HAZARDOUS 1. Generator's US EPA ID No. Manifest Document No: WASTE MANIFEST W 5 10 10 12 14 10 15 17 13 16 9 9 9 0 0 0	2 Page 1 Information in the shaded areas is not required by Federal law.
	3. Generator's Name and Mailing Address USEPA Region II & Meudovlands Plating. 4890 Woodbridge Ave. Attaired Kahn	A. State Manifest Document Number NJA 2880212
	Edison, NJ 08817 4. Generator's Phone ( 1732 )321-6617	B. State General Gen Site Address plank
	5. Transporter 1 Company Name 6. US EPA ID Number	C. State Trans. ID-NUDEP VO3 21 1
	S   Transportation Co	D. Transporter's Phone ((5)) 759-2741
	9 Designated Facility Name and Site Address 10. US EPA ID Number	E State Trans ID-NJDEP  Decal No.
	E.I. DuPone DeNemours & Co., Inc.	F. Transporter's Phone ( )
,	Chambers Works Wester Water Treatment   Despusion   NJ   10   10   12   13   18   15   17   13   10	G. State Facility's ID  H. Facility's Phone ( ) 5 \ C \ 773
	11. US DOT Description (Including Proper Shipping Name, Hazard Class or Division, ID Number and Packing Group)  No.	ainers 13. 14. I. Total Unit Waste No. Type Quantity Wt/Vol
	Z n.o.c. (Sodium Hydromide) 8, UN3266, III (9008, 2009)	DF 01155 G
GENER	BQ WASTE Corrusive liquid, scidic, icorganic, c.o.s. (Sulfuric Acid, Nitric Acid) 8, UN3264,11 (DOD., DOD7, DOOS, PUOS, 7009) 0/2/8	0501515 G
A T O R		
	J. Additional Descriptions for Materials Listed Above  (1C) Sodium Hydroxide , #309  a	K. Handling Codes for Wastes Listed Above
	(i.C) Sulfuric acid, also D007 b. F003 F005  D008  15. Special Handling Instructions and Additional Information	b. 101/ a. 1
	b.Approval#DW00741, Release# 001 ERG# 1	154 For Emergency Response: 732-548-8730
	16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurate classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway accorregulations. If I am a large quantity generator, I certify that I have a program in place to reduce the volume and texticity	ely described above by proper shipping name and are ding to applicable international and national government
	to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal and future threat to human health and the environment, OR, if I am a small quantity generator, I have made and select the best waste management method that is available to me and that I can afford.  Printed/Typed Name	I currently available to me which minimizes the present a good faith effort to minimize my waste generation  Month Day Year
-	17. Transporter 1 Acknowledgement of Receipt of Materials	1013129199
H A N S P	Printed/Typed Name COLI NURREN Signature	Month Day Year
ORTER	18. Transporter 2 Acknowledgement of Receipt of Materials  Printed/Typed-Name  Signature	Month Day Year
F	19. Discrepancy Indication Space  Flock 1. Line b Indicate FODD, move D802 to Block J.b.	
C L		
   	20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted  Printed/Typed Name  Signature  Signature	d in Item 19:  Month Day Year



# State of New Jersey Department of Environmental Protection Hazardous Waste Regulation Program Manifest Section CN 421, Trenton, NJ 08625-0421

F 198 25

	se type or print in block letters. (Form designed for use on elite (12-pitch			rm Approve	d. OMB No. 2	050-0039	9. Expires 9-30-9
	UNIFORM HAZARDOUS WASTE MANIFEST  1. Generator's US EPA	Doc	lanifest ument No. ォ ルカガ	2. Page 1	is not	required b	shaded areas by Federal law.
	3. Generator's Name and Mailing Address EFORF Degler 11 2000 Nounderlage Ave. Accus Paul Enhanced	O Maudoviscou v	letin.	A. State i	anifest Docum	ent Numbe 880	212
	4. Generator's Phone ( 78 ) ) 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			B. State 0			Address)
	5. Transporter 1 Company Name 6.	US EPA ID Number		C. State 1	rans. ID-NUDEF	What is the	
	3 i Traceportation de	US EPA ID Number	10 2 6		Decal No		Gi Vienta
	7. Transporter 2 Company Name 8.	US EPÅ ID Number	<del></del>	D. Transp	orter's Phone (		1981. T 189
				E. State 1	rans. ID-NJDEF	3,003	
	Designated Facility Name and Site Address     10.	US EPA ID Number			Decal No	),-	<u> </u>
Ш	a.l. Dodoct Delineauxe & Co., inc.				orter's Phone (	)	·
	Charlord Horks Wasse Votes Treatment			G. State F			
╽┝		3 3 3 4 4 5 5	12. Conta		's Phone (	14.	<del>12-7-27-3</del>
$\ \cdot\ $	11. US DOT Description (Including Proper Shipping Name, Hazard Class or HM ID Number and Packing Group)		No.	Туре	Total Quantity	Unit Wt/Vol	Vaste No.
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	15. Special Handling Instructions and Additional Information		g		<u> </u>		
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	regulations.		¥.				
	If I am a large quantity generator, I certify that I have a program in p to be economically practicable and that I have selected the practicable in	method of treatment, storage.	or disposal	currently as	≀ailable to me \	which minir	nizes the present
	and future threat to human health and the environment; OR, if I am a and select the best waste management method that is available to me an	a small quantity generator, I d that I can afford.	have made	a good fait	h effort to mir	nimize my	waste generation
	Printed/Typed Name	Signature	11			Мо	onth Day Year
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	17. Transporter 1 Acknowledgement of Receipt of Materials	1 1 11	o to the				
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L	·	· ·	·, ·				
-	20. Facility Owner or Operator: Certification of receipt of hazardous materials		ept as noted	in Item 19.			
1	Printed/Typed Name	Signature		•		· Mo	nth Day Year

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State of New Jersey
Department of Environmental Protection
Hazardous Waste Regulation Program
Manifest Section
CN 421, Trenton, NJ 08625-0421 Please type or print in block letters. (Form designed for use on elite (12-nitch) typewriter.)

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		DuPont DeNemours & Co., Inc.				sporter's Phone (		)		
		bers Works Waste Water Treatment water, NJ 08023 N	דוד וא וא וא וא וא וב	15 10 10		Facility's ID				
			J ID   0   0   2   3   8   5	12. Conta		ity's Phone (609	14.	40-2	<u> 2773                                   </u>	
	HM a.	OT Description (Including Proper Shipping Name, Hazard Class or ID Number and Packing Group)		No.	Туре	Total Quantity	Unit Wt/Vol	٧	I. /aste No.	
	I I	RQ WASTE Corrosive liquid, basic,								
1	X	n.o.s. ( Sodium Hydroxide) 8, UN3: (F008.F009)	266, 111	0/2/1	DF	11155	G		0101	
G	b.	RQ WASTE Corrosive liquid, acidic	inorgania	0,2,1				F 0	018	
E	X	n.o.s. (Sulfuric Acid , Nitric Acid	d) 8,		NE	_			•	
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	b F008	Sulfuric acid, also D007			b. *			•		
	15. Specia	Handling Instructions and Additional Information		<del></del> -	D.	<u> </u>	d.		<del></del>	
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	and sei	ture threat to human health and the environment; OR, if I am a ect the best waste management method that is available to me and	d that I can afford	nave made :	a good ta	aith effort to min	imize m	y wast	e. generati	
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	19. Discrep.	ancy Indication Space								
+	20. Facility	Owner or Operator: Certification of receipt of hazardous materials	covered by this manifest exce	ent as noted	in Itam 10					
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## Notification and Certification Form

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### DuPont Environmental Treatment

OW/DW No.	DW00740	
Release No		

## Chambers Works Wastewater Treatment Facility Land Disposal Restrictions

	EPA Region II @ M			Waste Manifest No. 11		<u></u>
·	East Ruth  Note: The DuPont Cham	erford, N nbers Works Was	J (for arumina	d aqueous waste only)	i	:
2. Is waste analy	Generator USEPA Region II @ Meadowlands Plating Generator's Address 890 Patterson Plank Manifest Page No /Line Letter P2 11 A  East Rutherford, NJ (for drummed aqueous waste only)  Note: The DuPont Chambers Works Wastewater Treatment Plant (WWTP) is regulated					
checked, ider	itify whether the waste is a v	acteristic U.S. EF vastewater or not	A hazardous waste code awastewater, and indicat	s that apply to this waste. e how the waste must be	For each waste, managed based o	code n the

TABLE A

					<del></del>
Check Waste Code	U.S. EPA Hazardous Waste Code	Subcategory	Waste- water	Non- waste- water	How must the waste be managed?
			Check	only one)	(Enter the letter from page 2)
	D001	Low TOC (<10% TOC)			
	D001	High TOC (≥ 10% TOC)	NA		
	D001	Oxidizer			
	D002	Acid (pH ≤ 2)			
	D002	Alkaline (pH ≥ 12.5)			
	D002	Other corrosives			]
	D003	Reactive sulfides			
	D003	Reactive cyanides			
	D003	Water reactive			
	D003	Explosives (pretreated)			
	D003	Other reactives			]
	D004	Arsenic			]
	D005	Barium			
	D006	Cadmium			:
	D007	Chromium			
	D003	Lead			
	D009	Mercury		NA	
	D009	Low Mercury <260 mg/kg Hg	NA		_
	D010	Selenium			
	D011	Silver			

<sup>\*</sup>Wastewaters contain <1% TOC and <1% TSS.

## Chambers Works Wastewater Treatment Facility Land Disposal Restrictions (cont.)

4. In Table B, identify all additional characteristic, listed, newly identified, and newly listed U.S. EPA hazardous waste codes that apply to this waste. For each waste code, identify the subcategory, indicate whether the waste is a wastewater or nonwastewater, and indicate how the waste must be managed, based on the options below.

TABLE B HOW MUST U.S. EPA HAZARDOUS Non-THE WASTE Wasta waste water SUBCATEGORY water BE WASTE CODE(S) MANAGED? Per 40 CFR 261 (Check Enter the only one) letter from None options below Description X X F008 X X A F009

(Use Attachment I if more room is needed to list all applicable waste codes)

- 5. If this waste is a spent solvent (F001-F005), you MUST include Attachment II, Treatment Standards for F001-F005 Spent Solvents.
- 6. If this waste is a multisource leachate (F039), you may include Attachment III, Treatment Standards for F039 Multisource Leachate Wastes.
- If this waste is D001 ignitable (other than the high TOC ≥ 10% subcategory), D002, D003, or D012-D043, you may include
   Attachment IV, Universal Treatment Standards. You may also include Attachment IV for nonhazardous waste which was hazardous
   (for these waste codes) as generated but rendered nonhazardous by pretreatment.

\*HOW MUST THE WASTE BE MANAGED? (Choose from the following options to complete Tables A and B.)

- A. Restricted waste requires treatment [40 CFR 268.7(a)(2)].
- B. Restricted waste meets applicable treatment standards at the original point of generation.

GENERATOR'S CERTIFICATION [40 CFR 268.7(a)(3)(i)]
I certify under penalty of law that I personally have examined and am familiar with the waste through analysis and testing or through knowledge of the waste to support this certification that the waste complies with the treatment standards specified in 40 CFR Part 268 Subpart D. I believe that the information I submitted is true, accurate, and complete. I am aware that there are significant penalties for submitting a false certification, including the possibility of a fine and imprisonment.

	penalties for submitting a raise certification, including the possionity of a fine this transfer
C.	Waste is newly listed or newly identified.
Э.	Restricted waste is exempt from the Land Disposal Restrictions. Check the reason below and write in the date the waste is subject to prohibitions [40 CFR 268.7(a)(4)].
	The waste has been granted a Site-Specific Variance.  The waste has been given a Case-by-Case Extension.  The waste has been given a Case-by-Case Extension.
Ε.	Restricted waste has been pretreated on-site to remove the hazardous characteristic D001-D003 and/or D012-D043 and
	requires treatment of underlying hazardous constituents.
	CHARACTERISTIC WASTE - UNDERLYING HAZARDOUS CONSTITUENTS [40 CFR 268.7(b)(5)(iv)]

CHARACTERISTIC WASTE - UNDERLYING HAZARDOUS CONSTITUENTS [40 CFR 268.7(b)(5)(iv)] I certify under penalty of law that the waste has been treated in accordance with the requirements of 40 CFR 268.40 to remove the hazardous characteristic. This decharacterized waste contains underlying hazardous constituents that require further treatment to meet universal treatment standards. I am aware that there are significant penalties for submitting a false certification, including the possibility of fine and imprisonment.

F. Restricted waste has been pretreated on-site to remove the hazardous characteristic D001-D003 and/or D012-D043 and to treat underlying hazardous constituents to levels in 40 CFR 268.48 Universal Treatment Standards.

CHARACTERISTIC WASTE - UNDERLYING HAZARDOUS CONSTITUENTS [40 CFR 268.7(b)(5)(v)] I certify under penalty of law that the waste has been treated in accordance with the requirements of 40 CFR 268.40 to remove the hazardous characteristic, and that underlying hazardous constituents, as defined in § 268.2, have been treated on-site to meet the § 268.48 Universal Treatment Standards. I am aware that there are significant penalties for submitting a false certification, including the possibility of fine and imprisonment.

CERTIFICATION		
I dertify that to the bes	the knowledge, the information provided in this	document is true, accurate, and complete.
The William	OSC	3/34/44
Authorized	Signature Title	Date

## GUIDE 154 - SUBSTANCES - TOXIC AND/OR CORROSIVE (NON-COMBUSTIBLE) RQ, Waste Corrosive liquid, acidic, inorganic, n.o.s. (Sulfuric POTENTIAL HAZARDS acid, Nitric acid) 8, UN3264, II (D002, D007, D008, HEALTH F008, F009)

- \* TOXIC; inhalation, ingestion, or skin contact with material may cause severe injury or death.
- \* Contact with molten substance may cause severe burns to skin and eyes.
- \* Avoid any skin contact.
- \* Effects of contact or inhalation may be delayed.
- \* Fire may produce irritating, corrosive and/or toxic gases.
- \* Runoff from fire control or dilution water may be corrosive and/or toxic and cause pollution.

#### FIRE OR EXPLOSION

- \* Non-combustible, substance itself does not burn but may decompose upon heating to produce corrosive and/or toxic fumes.
- \* Some are oxidizers and may ignite combustibles (wood, paper, oil, clothing, etc.).
- \* Contact with metals may evolve flammable hydrogen gas.
- \* Containers may explode when heated.

#### **PUBLIC SAFETY**

- \* CALL Emergency Response Telephone Number on Shipping Paper first. If Shipping Paper not available or no answer, refer to appropriate telephone number listed on the inside back cover.
- \* Isolate spill or leak area immediately for at least 25 to 50 meters (80 to 160 feet) in all directions.
- \* Keep unauthorized personnel away.
- \* Stay upwind.
- \* Keep out of low areas.
- \* Ventilate enclosed areas.

#### PROTECTIVE CLOTHING

- Wear positive pressure self-contained breathing apparatus (SCBA).
- \* Wear chemical protective clothing which is specifically recommended by the manufacturer.
- \* Structural firefighters' protective clothing is recommended for fire situations ONLY; it is not effective in spill situations.

#### **EVACUATION**

#### Spill

\* See the Table of Initial Isolation and Protective Action Distances for highlighted substances. For non-highlighted substances, increase, in the downwind direction, as necessary, the isolation distance shown under "PUBLIC SAFETY".

#### Fire

\* If tank, rail car or tank truck is involved in a fire, ISOLATE for 800 meters (1/2 mile) in all directions; also, consider initial evacuation for 800 meters (1/2 mile) in all directions.

#### **EMERGENCY RESPONSE**

#### **FIRE**

#### **Small Fires**

\* Dry chemical, CO2 or water spray.

#### Large Fires

- \* Dry chemical, CO2, alcohol-resistant foam or water spray.
- \* Move containers from fire area if you can do it without risk.
- \* Dike fire control water for later disposal; do not scatter the material.

#### Fire involving Tanks or Car/Trailer Loads

- \* Fight fire from maximum distance or use unmanned hose holders or monitor nozzles.
- \* Do not get water inside containers.
- \* Cool containers with flooding quantities of water until well after fire is out.

- \* Withdraw immediately in case of rising sound from venting safety devices or discoloration of tank.
- \* ALWAYS stay away from the ends of tanks.

#### SPILL OR LEAK

- \* ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area).
- \* Do not touch damaged containers or spilled material unless wearing appropriate protective clothing.
- \* Stop leak if you can do it without risk.
- \* Prevent entry into waterways, sewers, basements or confined areas.
- \* Absorb or cover with dry earth, sand or other non-combustible material and transfer to containers.
- DO NOT GET WATER INSIDE CONTAINERS.

#### **FIRST AID**

- \* Move victim to fresh air.
- \* Call emergency medical care.
- \* Apply artificial respiration if victim is not breathing.
- \* Do not use mouth-to-mouth method if victim ingested or inhaled the substance; induce artificial respiration with the aid of a pocket mask equipped with a one-way valve or other proper respiratory medical device.
- \* Administer oxygen if breathing is difficult.
- \* Remove and isolate contaminated clothing and shoes.
- \* In case of contact with substance, immediately flush skin or eyes with running water for at least 20 minutes.
- \* For minor skin contact, avoid spreading material on unaffected skin.
- \* Keep victim warm and quiet.
- \* Effects of exposure (inhalation, ingestion or skin contact) to substance may be delayed.
- \* Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves.

### Notification and Certification Form

### QUPOND.

### DuPont Environmental Treatment

OW/DW No.	DW00741
Release No. O	01
	(please fill in)

## Chambers Works Wastewater Treatment Facility Land Disposal Restrictions

1. Generator's EPA ID No. NJD 002		Hazardous V	Vaste Manifest No. NJA	2880212	
Generator USEPA Region II @ Generator's Address 890 Pat	<u>Meadowlands</u> terson Plank	Plating Manifest Pag	ge No./Line Letter P.1		
East Ru	therford, NJ	(for drumme	d aqueous waste only)	. :	
Note: The DuPont Char under the Clean \	nbers Works Waster Water Act.	water Treatment Plant (	(WWTP) is regulated	<b>(</b>	
2. Is waste analysis information attached?	Yes	Not available	On File		
3. In Table A. check (if applicable) the char	racteristic U.S. EPA	hazardous waste codes	s that apply to this waste. F	For each waste code	:

3. In Table A, check (if applicable) the characteristic U.S. EPA hazardous waste codes that apply to this waste. For each waste code checked, identify whether the waste is a wastewater or nonwastewater, and indicate how the waste must be managed based on the options found on page 2.

#### TABLE A

Check Waste Code	U.S. EPA Hazardous Waste Code	Subcategory	Waste- water	Non- waste- water	How must the waste be managed?
			(Check	only one)	(Enter the letter from page 2)
	D001	Low TOC (<10% TOC)			
	D001	High TOC (≥ 10% TOC)	NA		
	D001	Oxidizer .			
<u> </u>	D002	Acid (pH ≤ 2)		_X	
	D002	Alkaline (pH ≥ 12.5)			
	D002	Other corrosives			
	D003	Reactive sulfides	·		
	D003	Reactive cyanides			
	D003	Water reactive			
	D003	Explosives (pretreated)		. ——	
	D003	Other reactives			
<u> </u>	D004	Arsenic			
	D005	Barium			
	D006	Cadmium			:
$\frac{X}{X}$	D007	Chromium		<u>X</u>	A A
X	D008	Lead		<u>x</u>	<u>A</u>
	D009	Mercury		NA	
	D009	Low Mercury <260 mg/kg Hg	NA		
	D010	Selenium			
	DOII	Silver			

<sup>\*</sup>Wastewaters contain <1% TOC and <1% TSS.

#### Chambers Works Wastewater Treatment Facility Land Disposal Restrictions (cont.)

4. In Table B, identify all additional characteristic, listed, newly identified, and newly listed U.S. EPA hazardous waste codes that apply to this waste. For each waste code, identify the subcategory, indicate whether the waste is a wastewater or nonwastewater, and indicate how the waste must be managed, based on the options below.

	TABLED			<u> </u>	
U.S. EPA HAZARDOUS WASTE CODE(S) Per 40 CFR 261	SUBCATEGORY		Waste- water	Non- waste- water	HOW MUST THE WASTE BE MANAGED?
Per 40 CFR 261				neck ( one)	Enter the letter from options below
T.	Description	None	Ļ		lobrous pelow.
F008		X		X	A
F009		X		X	Α.
	•				
					•

(Use Attachment I if more room is needed to list all applicable waste codes)

- 5. If this waste is a spent solvent (F001-F005), you MUST include Attachment II, Treatment Standards for F001-F005 Spent Solvents.
- 6. If this waste is a multisource leachate (F039), you may include Attachment III, Treatment Standards for F039 Multisource Leachate Wastes.
- 7. If this waste is D001 ignitable (other than the high TOC ≥ 10% subcategory), D002, D003, or D012-D043, you may include Attachment IV, Universal Treatment Standards. You may also include Attachment IV for nonhazardous waste which was hazardous (for these waste codes) as generated but rendered nonhazardous by pretreatment.

\*HOW MUST THE WASTE BE MANAGED? (Choose from the following options to complete Tables A and B.)

- Restricted waste requires treatment [40 CFR 268.7(a)(2)].
- Restricted waste meets applicable treatment standards at the original point of generation.

GENERATOR'S CERTIFICATION [40 CFR 268.7(a)(3)(i)] I certify under penalty of law that I personally have examined and am familiar with the waste through analysis and testing or through knowledge of the waste to support this certification that the waste complies with the treatment standards specified in 40 CFR Part 268 Subpart D. I believe that the information I submitted is true, accurate, and complete. I am aware that there are significant penalties for submitting a false certification, including the possibility of a fine and imprisonment.

	permittee for destinating
C.	Waste is newly listed or newly identified.
D.	Restricted waste is exempt from the Land Disposal Restrictions. Check the reason below and write in the date the waste is subject to prohibitions [40 CFR 268.7(a)(4)].
	The waste has been granted a Site-Specific Variance.  The waste has been given a Case-by-Case Extension.  The waste is subject to a National Capacity Variance.
E.	Restricted waste has been pretreated on-site to remove the hazardous characteristic D001-D003 and/or D012-D043 and
	requires treatment of underlying hazardous constituents.
	CHARACTERISTIC WASTE - UNDERLYING HAZARDOUS CONSTITUENTS [40 CFR 268.7(b)(5)(iv)] I certify under penalty of law that the waste has been treated in accordance with the requirements of 40 CFR 268.40 to remove the hazardous characteristic. This decharacterized waste contains underlying 42 hazardous constituents that require further treatment to meet universal treatment standards. I am 43 hazardous constituents that require further treatment to meet universal treatment standards. I am

aware that there are significant penalties for submitting a false certification, including the possibility

of fine and imprisonment Restricted waste has been pretreated on-site to remove the hazardous characteristic D001-D003 and/or D012-D043 and to treat underlying hazardous constituents to levels in 40 CFR 268.48 Universal Treatment Standards.

CHARACTERISTIC WASTE - UNDERLYING HAZARDOUS CONSTITUENTS [40 CFR 268.7(b)(5)(v)] I certify under penalty of law that the waste has been treated in accordance with the requirements of 40 CFR 268.40 to remove the hazardous characteristic, and that underlying hazardous constituents, as defined in § 268.2, have been treated on-site to meet the § 268.48 Universal Treatment Standards. I am aware that there are significant penalties for submitting a false certification, including the possibility of fine and imprisonment.

	<u> </u>	
CERTIFICATION		
I certify that, to the bes	st after knowledge, the information provided in this do	cument is true, accurate, and complete.
	d Sindoles Title	) 199 197 Date
Authorize	d Signifface Title	5

GUIDE 154 - SUBSTANCES - TOXIC AND/OR CORROSIVE
(NON-COMBUSTIBLE) RQ, Waste Corrosive liquid, basic, inorganic, n.o.s. (Sodium POTENTIAL HAZARDS Hydroxide) 8, UN3266, III (F008, F009)
HEALTH

- \* TOXIC; inhalation, ingestion, or skin contact with material may cause severe injury or death.
- \* Contact with molten substance may cause severe burns to skin and eyes.
- \* Avoid any skin contact.
- \* Effects of contact or inhalation may be delayed.
- \* Fire may produce irritating, corrosive and/or toxic gases.
- \* Runoff from fire control or dilution water may be corrosive and/or toxic and cause pollution.

#### FIRE OR EXPLOSION

- \* Non-combustible, substance itself does not burn but may decompose upon heating to produce corrosive and/or toxic fumes.
- \* Some are oxidizers and may ignite combustibles (wood, paper, oil, clothing, etc.).
- \* Contact with metals may evolve flammable hydrogen gas.
- \* Containers may explode when heated.

#### **PUBLIC SAFETY**

- \* CALL Emergency Response Telephone Number on Shipping Paper first. If Shipping Paper not available or no answer, refer to appropriate telephone number listed on the inside back cover.
- \* Isolate spill or leak area immediately for at least 25 to 50 meters (80 to 160 feet) in all directions.
- \* Keep unauthorized personnel away.
- \* Stay upwind.
- \* Keep out of low areas.
- \* Ventilate enclosed areas.

#### PROTECTIVE CLOTHING

- \* Wear positive pressure self-contained breathing apparatus (SCBA).
- Wear chemical protective clothing which is specifically recommended by the manufacturer.
- \* Structural firefighters' protective clothing is recommended for fire situations ONLY; it is not effective in spill situations.

#### **EVACUATION**

#### Spill

\* See the Table of Initial Isolation and Protective Action Distances for highlighted substances. For non-highlighted substances, increase, in the downwind direction, as necessary, the isolation distance shown under "PUBLIC SAFETY".

#### Fire

\* If tank, rail car or tank truck is involved in a fire, ISOLATE for 800 meters (1/2 mile) in all directions; also, consider initial evacuation for 800 meters (1/2 mile) in all directions.

#### **EMERGENCY RESPONSE**

#### FIRE

#### **Small Fires**

\* Dry chemical, CO2 or water spray.

#### Large Fires

- \* Dry chemical, CO2, alcohol-resistant foam or water spray.
- \* Move containers from fire area if you can do it without risk.
- \* Dike fire control water for later disposal; do not scatter the material.

#### Fire involving Tanks or Car/Trailer Loads

- \* Fight fire from maximum distance or use unmanned hose holders or monitor nozzles.
- Do not get water inside containers.
- Cool containers with flooding quantities of water until well after fire is out.

- Withdraw immediately in case of rising sound from venting safety devices or discoloration of tank.
- \* ALWAYS stay away from the ends of tanks.

#### SPILL OR LEAK

- \* ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area).
- \* Do not touch damaged containers or spilled material unless wearing appropriate protective clothing.
- \* Stop leak if you can do it without risk.
- \* Prevent entry into waterways, sewers, basements or confined areas.
- \* Absorb or cover with dry earth, sand or other non-combustible material and transfer to containers.
- \* DO NOT GET WATER INSIDE CONTAINERS.

#### FIRST AID

- \* Move victim to fresh air.
- \* Call emergency medical care.
- \* Apply artificial respiration if victim is not breathing.
- \* Do not use mouth-to-mouth method if victim ingested or inhaled the substance; induce artificial respiration with the aid of a pocket mask equipped with a one-way valve or other proper respiratory medical device.
- \* Administer oxygen if breathing is difficult.
- \* Remove and isolate contaminated clothing and shoes.
- \* In case of contact with substance, immediately flush skin or eyes with running water for at least 20 minutes.
- \* For minor skin contact, avoid spreading material on unaffected skin.
- \* Keep victim warm and quiet.
- \* Effects of exposure (inhalation, ingestion or skin contact) to substance may be delayed.
- \* Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves.



#### State of New Jersey Department of Environmental Protection Hazardous Waste Regulation Program **Manifest Section**

CN 421, Trenton, NJ 08625-0421 Please type or print in block letters. (Form designed for use on elite (12-pitch) typewriter.) Form Approved. OMB No. 2050-0039. Generator's US EPA ID No. UNIFORM HAZARDOUS Information in the shaded areas WASTE MANIFEST is not required by Federal law. of () 3. Generator's Name and Mailing Address JSEPA Region II G Mendowlands Plating State Manifest Document Number 2890 Woodbridge Avenue Attn: Paul Kahu Edison, NJ 08817 B. State General (ID (Fort Sile Address) Plank Generator's Phone ( 732 Transporter 1 Company Name US EPA ID Number C. State Trans. ID-NJDEP 5 J Transportation Co IN IJ ID IO 17 11 16 12 19 19 17 16 Decal No.-Transporter 2 Company Name D. Transporter's Phone ((509) E. State Trans. ID-NUDEP 9. Designated Facility Name and Site Address US EPA ID Number Décal No. E.1. DuPont DeNemoura & Co., Inc. F. Transporter's Phone ( Chambers Works Waste Water Treatment G. State Facility's ID H. Facility's Phone ( 609 Deepwater, NJ 08023 IN IJ ID 10 10 12 13 18 15 17 13 10 11. US DOT Description (Including Proper Shipping Name, Hazard Class or Division, ID Number and Packing Group) 13. Waste No. Quantity Wt/Vo RQ Hazardous waste, liquid, n.o.g. (D007,D008 F005, F009) 9, NA3082, III 0 10 11 TT 0 3 9 0 0 b. C d. Additional Descriptions for Materials Listed Above (L) Chromium ,also FOR9 YOUE, DOOR 45. Special Handling Instructions and Additional Information a.Wrs#ECIES1.Approved# OW-06355 b.BRG#171.For Emergency Response: 732-548-8736 16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations. or disposal currently available to me which minimizes the mesent have made a good faith offert to If I am a large quantity generator, I certify that I have a program in place to reduce the volunterand toxicity of waste generated to the degree I have to be economically practicable and that I have selected the practicable method of treatment, storage and future threat to human health and the environment; OR, if I am a small quantity I have made a good faith effort to minimize and select the best waste management method that is available to me and that I can afford d/Typed Name Acknowledgement of Receipt of Materials Transporter 2 Acknowledgement of Receipt of Materials Printed/Typed Name Signature Month 20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted/in item 19

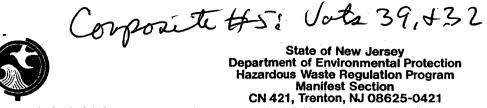
EPA Form 8700-22 (Rev. 9/88) Previous editions are obsolete 3-TSD MAIL TO- GENERATOR

SIGNATURE AND INFORMATION MUST BE LEGIBLE ON ALL COPIES



# State of New Jersey Department of Environmental Protection Hazardous Waste Regulation Program Manifest Section CN 421, Trenton, NJ 08625-0421

		CN 421, Tre	enton, NJ 08625-042					•	
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se type or print in block letters. (Form designed fo	r use on elite (12-pitch) typewriter.	Fo	rm Approved. O	MB No. 2050-0	039. Expires 9-30-9		
UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator's US EPA ID No. Ν μ	Manifest Document No.	2. Page 1 of 0 1		the shaded areas		
3. Generator's Name and Mailing Address USEP	A Region II @ Meador	Plands Plating	A. State Manife				
Attn: Paul Kahn 2890 Woodbridge Avenue NJA 2880029							
Edison, NJ 08817		B State Genera	8900-Part 8	ersons)Plank			
4. Generator's Phone ( 732 321-661	7		***	East Rut	herford, NJ		
5. Transporter 1 Company Name	6. US E	PA:ID Number	C. State Trans.	ID-NUDEP 🦟	0321		
S J Transportation Co		1  6  2  9  9  7  6			181698		
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b.ERG#171, For Emergency Re	sponse: 732-549-	8320					
16. GENERATOR'S CERTIFICATION: I hereby deck			by described abo	ve hy nmner sh	nioning name and are		
classified, packed, marked, and labeled, and are regulations.	n all respects in proper condition for	transport by highway accom	ding to applicable	international and	d national government		
If I am a large quantity generator, I certify that	have a program in place to reduc	e the volume and toxicity	of waste genera	ted to the degre	ee I have determined		
to be economically practicable and that I have s and future threat to human health and the em	elected the practicable method of treat	atment, storage, or disposal	currently available	le to me which n	ninimizes the greecht		
and select the best waste management method t	hat is available to me and that I can af	ford.		1 Ala	לי ייט		
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## Notification and Certification Form

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### DuPont Environmental Treatment

OW/DW No	355	,	•	1,340
Release No. 002	,		-	
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(please	fill in)			. 5 42

**Chambers Works Wastewater Treatment Facility Land Disposal Restrictions** 

1. Generator's EPA ID No. NJD 002 405 736 Hazardous Waste Manifest No. NG Generator USEPA Region II @Meadowlands Plating Site Generator's Address 890 Patterson Plank Road Manifest Page No./Line Letter East Rutherford, NJ 000 3 (for drummed aqueous waste only)  Note: The DuPont Chambers Works Wastewater Treatment Plant (WWTP) is regulated under the Clean Water Act.	<u>)1 / A</u>
2. Is waste analysis information attached? Yes Not available On File	
3. In Table A, check (if applicable) the characteristic U.S. EPA hazardous waste codes that apply to this was checked, identify whether the waste is a wastewater or nonwastewater, and indicate how the waste must be options found on page 2.	te. For each waste code se managed based on the

TABLE A

Check Waste Code	U.S. EPA Hazardous Waste Code	Subcategory	Waste- water*	Non- waste- water	How must the waste be managed?
L	<u> </u>	_	(Cieco	oray oray	from page 2)
	D001	Low TOC (<10% TOC)			
	D001	High TOC (≥ 10% TOC)	NA		
	D001	Oxidizer			
	D002	Acid (pH ≤ 2)			
	D002	Alkaline (pH ≥ 12.5)	<u> </u>	<del></del>	
	D002	Other corrosives			
	D003	Reactive sulfides			
	D003	Reactive cyanides			
l	D003	Water reactive			
	D003	Explosives (pretreated)			
I	D003	Other reactives			
	D004	Arsenic			
	D005	Barium			
	D006	Cadmium		—	:
<u>X</u>	D007	Chromium		<u>X</u>	<u> </u>
<u>x</u>	D008	Lead		<u>x</u>	<u>A</u>
	D009	Mercury		NA	<u> </u>
	D009	Low Mercury <260 mg/kg Hg	NA		
	D010	Selenium			<u> </u>
	DOII	Silver			

<sup>\*</sup>Wastewaters contain <1% TOC and <1% TSS

#### Chambers Works Wastewater Treatment Facility Land Disposal Restrictions (cont.)

4. In Table B, identify all additional characteristic, listed, newly identified, and newly listed U.S. EPA hazardous waste codes that apply to this waste. For each waste code, identify the subcategory, indicate whether the waste is a wastewater or nonwastewater, and indicate how the waste must be managed, based on the options below.

TABLE B U.S. EPA HAZARDOUS HOW MUST Non-THE WASTE Wastewastewater water BE WASTE CODE(S) Per 40 CFR 261 SUBCATEGORY MANAGED? (Check Enter the only one) letter from None options below Description F008 X X X X F009 --

(Lise Attachment I if more room is needed to list all applicable toaste codes)

- 5. If this waste is a spent solvent (F001-F005), you MUST include Attachment II, Treatment Standards for F001-F005 Spent Solvents.
- 6. If this waste is a multisource leachate (F039), you may include Attachment III, Treatment Standards for F039 Multisource Leachate
  Wastes
- 7. If this waste is D001 ignitable (other than the high TOC ≥ 10% subcategory), D002, D003, or D012-D043, you may include Attachment IV, Universal Treatment Standards: You may also include Attachment IV for nonhazardous waste which was hazardous (for these waste codes) as generated but rendered nonhazardous by pretreatment.

\*HOW MUST THE WASTE BE MANAGED? (Choose from the following options to complete Tables A and B.)

- A. Restricted waste requires treatment [40 CFR 268.7(a)(2)].
- B. Restricted waste meets applicable treatment standards at the original point of generation.

GENERATOR'S CERTIFICATION (40 CFR 268.7(a)(3)(i)]
I certify under penalty of law that I personally have examined and am familiar with the waste through analysis and testing or through knowledge of the waste to support this certification that the waste complies with the treatment standards specified in 40 CFR Part 268 Subpart D. I believe that the information I submitted is true, accurate, and complete. I am aware that there are significant penalties for submitting a false certification, including the possibility of a fine and imprisonment.

D.	Waste is newly listed or newly identified.  Restricted waste is exempt from the Land Disposal Restrictions. waste is subject to prohibitions [40 CFR 268.7(a)(4)].	Check the reason below and write in the date the
	Company of the Company of the Second Company	

The waste has been granted a Site-Specific Variance.

The waste has been given a Case-by-Case Extension.

The waste is subject to a National Capacity Variance.

E. Restricted waste has been pretreated on-site to remove the hazardous characteristic D001-D003 and/or D012-D043 and requires treatment of underlying hazardous constituents.

CHARACTERISTIC WASTE - UNDERLYING HAZARDOUS CONSTITUENTS [40 CFR 268.7(b)(5)(iv)] I certify under penalty of law that the waste has been treated in accordance with the requirements of 40 CFR 268.40 to remove the hazardous characteristic. This decharacterized waste contains underlying hazardous constituents that require further treatment to meet universal treatment standards. I am aware that there are significant penalties for submitting a false certification, including the possibility of fine and imprisonment.

Restricted waste has been pretreated on-site to remove the hazardous characteristic D001-D003 and/or D012-D043 and to treat underlying hazardous constituents to levels in 40 CFR 268.48 Universal Treatment Standards.

CHARACTERISTIC WASTE - UNDERLYING HAZARDOUS CONSTITUENTS [40 CFR 268.7(b)(5)(v)] I certify under penalty of law that the waste has been treated in accordance with the requirements of 40 CFR 268.40 to remove the hazardous characteristic, and that underlying hazardous constituents, as defined in § 268.2, have been treated on-site to meet the § 268.48 Universal Treatment Standards. I am aware that there are significant penalties for submitting a false certification, including the possibility of fine and imprisonment.

CERTIFICATION	
(certify that to the pest of my providinge, the information provided in this docume	ent is true, accurate, and complete.  71-MAN-99
Authorized Signature for Cuto 14 Title	Date
Authorized Signature MUSOVII Title	(Inquis

GUIDE 171 - SUBSTANCES (LOW TO MODERATE HAZARD)

POTENTIAL HAZARDS, RQ, Hazardous Waste Liquid, n.o.s. (D007, D008, F008, F009)

FIRE OR EXPLOSION 9, NA3082, III

- Some may burn but none ignite readily.
- \* Some may polymerize (P) explosively when heated or involved in a fire.
- \* Containers may explode when heated.
- \* Some may be transported hot.

#### HEALTH

- \* Inhalation of material may be harmful.
- \* Contact may cause burns to skin and eyes.
- \* Inhalation of Asbestos dust may have a damaging effect on the lungs.
- \* Fire may produce irritating, corrosive and/or toxic gases.
- \* Runoff from fire control may cause pollution.

#### PUBLIC SAFETY

- \* CALL Emergency Response Telephone Number on Shipping Paper first. If Shipping Paper not available or no answer, refer to appropriate telephone number listed on the inside back cover.
- \* Isolate spill or leak area immediately for at least 10 to 25 meters (30 to 80 feet) in all directions.
- \* Keep unauthorized personnel away.
- \* Stay upwind.

#### PROTECTIVE CLOTHING

- \* Wear positive pressure self-contained breathing apparatus (SCBA).
- \* Structural firefighters' protective clothing will only provide limited protection.

#### **EVACUATION**

#### Fire

\* If tank, rail car or tank truck is involved in a fire, ISOLATE for 800 meters (1/2 mile) in all directions; also, consider initial evacuation for 800 meters (1/2 mile) in all directions.

#### **EMERGENCY RESPONSE**

#### FIRE

#### **Small Fires**

\* Dry chemical, CO2, water spray or regular foam.

#### Large Fires

- \* Water spray, fog or regular foam.
- \* Move containers from fire area if you can do it without risk.
- \* Do not scatter spilled material with high pressure water streams.
- Dike fire-control water for later disposal.

#### Fire involving Tanks

- \* Cool containers with flooding quantities of water until well after fire is out.
- Withdraw immediately in case of rising sound from venting safety devices or discoloration of tank.
- \* ALWAYS stay away from the ends of tanks.

#### SPILL OR LEAK

- \* Do not touch or walk through spilled material.
- \* Stop leak if you can do it without risk.
- \* Prevent dust cloud.
- \* Avoid inhalation of asbestos dust.

#### Small Dry Spills

\* With clean shovel place material into clean, dry container and cover loosely; move containers from spill area.

#### Small Spills

\* Take up with sand or other noncombustible absorbent material and place into containers for later disposal.

#### Large Spills

- \* Dike far ahead of liquid spill for later disposal.
- \* Cover powder spill with plastic sheet or tarp to minimize spreading.
- \* Prevent entry into waterways, sewers, basements or confined areas.

#### FIRST AID

- Move victim to fresh air.
- Call emergency medical care.
- Apply artificial respiration if victim is not breathing. Administer oxygen if breathing is difficult.
- Remove and isolate contaminated clothing and shoes.
- In case of contact with substance, immediately flush skin or eyes with running water for at least 20 minutes.
- \* Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves.



#### State of New Jersey **Hazardous Waste Regulation Program Manifest Section**



Department of Environmental Protection CN 421, Trenton, NJ 08625-0421 Please type or print in block letters. (Form designed for use on elite (12-pitch) typewriter.) Form Approved. OMB No. 2050-0039. Expires 9-30-9 1. Generator's US EPA ID No. **UNIFORM HAZARDOUS** Manifest 2. Page 1 Information in the shaded areas WASTE MANIFEST J D D D D 2 4 D 15 17 13 16 of 0 1 is not required by Federal law. 3. Generator's Name and Mailing Address USEPA Region II @ Meadowlands Plating A. State Manifest Document Number Attn: Paul Kahn 2890 Woodbridge Avenue **NJA** 288002 B. State Genera 8900-Pert Berrsons Plank Edison, NJ 08817 Generator's Phone ( 732 321-6617 East Rutherford, NJ Transporter 1 Company Name US EPA ID Number C. State Trans. ID-NJDEP S J Transportation Co N J D O 7 1 6 2 9 9 7 6 Decal No -Transporter 2 Company Name US EPA ID Number D. Transporter's Phone ((609)) 769-274 E. State Trans. ID-NJDEP 9. Designated Facility Name and Site Address US EPA ID Number Decal No.-E.I. DuPont DeNemours & Co.. Inc. Transporter's Phone ( Chambers Works Waste Water Treatment G. State Facility's ID Deepwater, NJ 08023 N J D O O 2 3 8 5 7 3 0 H. Facility's Phone (609 1 540-2773 US DOT Description (Including Proper Shipping Name, Hazard Class or Division, HM ID Number and Packing Group) 12. Containers Waste No. Quantity Wt/Vo a. RQ WASTE Corrosive liquid, acidic, inorganic, n.o.s.(Boric Acid, Nickel Chloride) 8, UN3264 G | D 0 0 12 III, (D002) TIT 0 3900 b. C. d. Additional Descriptions for Materials Listed Above K. Handling Codes for Wastes Listed Above (L,C) Boric Acid 15. Special Handling Instructions and Additional Information a.WTS#EC1881,Approval# OW-06357 ,Release# Ød1 b.ERG#154, For Emergency Response: 16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government If I am a large quantity generator, I certify that I have a program in place to restice the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future I hreat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize by these generation he best waste management method that is available to me and that I can also Transporter 2 Acknowledgement of Receipt of Materials Printed/Typed Name Signature Month Day 19. Discrepancy Indication Space

Printed/Typed Name

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19

Month Day

Year



#### State of New Jersey **Department of Environmental Protection** Hazardous Waste Regulation Program **Manifest Section**



CN 421. Trenton, NJ 08625-0421 Please type or print in block letters. (Form designed for use on elite (12-pitch) typewriter.) Form Approved. OMB No. 2050-0039. Expires 9 UNIFORM HAZARDOUS 1. Generator's US EPA ID No. Manifest 2. Page 1 Information in the shaded are **WASTE MANIFEST** 1 D D D D B 4 D 15 17 B 16 1919 1010 1016 is not required by Federal I Generator's Name and Mailing Address USEPA Region II @ Meadowland's Plating A. State Manifest Document Number 2890 Woodbridge Ave. ,Attn:Paul Kahn 288021 Edison, NJ 08817 B. State Genera 8900-Pat Eler Sorps Pla Generator's Phone ( 732 821-6617 East Rutherford Transporter 1 Company Name US EPA ID Number C. State Trans. ID-NUDEP J Transportation Co N J D O 7 1 6 2 9 9 7 6 Transporter 2 Company Name US EPA ID Number D. Transporter's Phone ((609)) 769-274 E. State Trans. ID-NJDEP 9. Designated Facility Name and Site Address US EPA ID Number Decal No. E.I. DuPont DeNemours & Co., Inc. F. Transporter's Phone ( Chambers Works Waste Water Treatment G. State Facility's ID Deepwater, NJ 08023 IN IJ ID 10 10 12 13 18 15 17 13 10 H. Facility's Phone (609 ) 540-2773 US DOT Description (Including Proper Shipping Name, Hazard Class or Division, HM ID Number and Packing Group) 12. Containers Total Unit Waste No. No. Quantity Wt/Vo RQ WASTE Corrosive liquid, basic, inorganic, X n.o.s. (Sodium Hydroxide) 8, UN3266, III (F008,F009) h RQ WASTE Corrosive liquid, acidic, inorganic, n.o.s.(Sulfuric Acid , Nitric Acid ) 8, UN3264.II (D002.D007.D008.F008.F009) C. d. Additional Descriptions for Materials Listed Above K Handling Codes for Wastes Listed Above (L,C) Sodium Hydroxide ,F009 (L,C)Sulfuric acid, also D00 b. F008, F009

15. Special Handling Instructions and Additional Information OUF + AUF a.WTS#EC1881,Approva1#DW00740,Release# 001 ERG# 154 For Emergency Response: b.Approval#DW00741,Release#001 ERG# 154 16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government. If I am a large quantity generator, I certify that I have a program in place to reduce the volume and loxicity of waste generated to the degree I have determine to be economically practicable and that I have selected the practicable method of treatment, storage, or opposal currently available to me which minimizes the presuland future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generate and select the best waste management method that is available to me and that I can afford. Printed/Typed Name Month Day 17. Transporter 1 Acknowledgement of Receipt of Materials Printed/Typed Name Month COUIN WARREY 18. Transporter 2 Acknowledgement of Receipt of Materials Printed/Typed Name Day Month WARKER! 19. Discrepancy Indication Space

EPA Form 8700-22 (Rev. 9/88) Previous editions are obsolete

Printed/Typed Name

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.

Signature

SIGNATURE AND INFORMATION MUST BE LEGIBLE ON ALL COPIES

Month Day



## State of New Jersey Department of Environmental Protection Hazardous Waste Regulation Program Manifest Section CN 421 Trepton NJ 08625-0421



Month

Day

CN 421, Trenton, NJ 08625-0421 Please type or print in block letters. (Form designed for use on elite (12-pitch) typewriter.) Form Approved. OMB No. 2050-0039. Expire **UNIFORM HAZARDOUS** 1. Generator's US EPA ID No. 2. Page 1 Information in the shaded 995008 WASTE MANIFEST of 0 1 is not required by Feder Generator's Name and Mailing Address USEPA Region II @ Meadowlands Plating A. State Manifest Document Number 2890 Woodbridge Avenue Attn: Paul Kahr ี 2880ก Edison, NJ 98817 08837 B. State General 900 Poet SersonssP 4. Generator's Phone ( 732 321-6617 East Rutherford Transporter 1 Company Name US EPA ID Number C. State Trans. ID-NUDEP S J Transportation Co рогиберриб Transporter 2 Company Name US EPA ID Number D. Transporter's Phone (609))76 E. State Trans. ID-NUDEP 9. Designated Facility Name and Site Address 10. US EPA ID Number Decal No.-E.I. DuPont DeNemours & Co., Inc. F. Transporter's Phone ( Chambers Works Waste Water Treatment G. State Facility's ID Deepwater, NJ 08023 N J D D D 2 B B 5 7 B D H. Facility's Phone (609) ) 540-277 US DOT Description (Including Proper Shipping Name, Hazard Class or Division, HM ID Number and Packing Group) 12. Containers 13. Total Waste Type RQ WASTE Corrosive liquid, acidic, inorganic, n.o.s. (Boric Acid, Nickel Chloride) 8, UN3264 01185013 h R C. T 0 d. K. Handling Codes for 15. Special Handling Instructions and Additional Information a.WTS#EC1881, Approval# 00 06351 Release# 00 1 b.ERG#154, For Emergency Response: 16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name a classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national gove If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of reatment, storage, or disposal currently available to me which minimizes the land three environment; OR, if I am a small grantity generator, I have made a good faith effort to minimize my waste ger appropriate the best waste management method that is available to me and that I am afford. Dav ement of Receipt of Materials d/Typer Name Signature Month 18. Transporter 2 Acknowledgement of Receipt of Materials Printed/Typed Name Signature Month 19. Discrepancy Indication Space

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Signature

SIGNATURE AND INFORMATION MUST BE LECIDLE

Printed/Typed Name



# State of New Jersey Department of Environmental Protection Hazardous Waste Regulation Program Manifest Section CN 421, Trenton, NJ 08625-0421



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